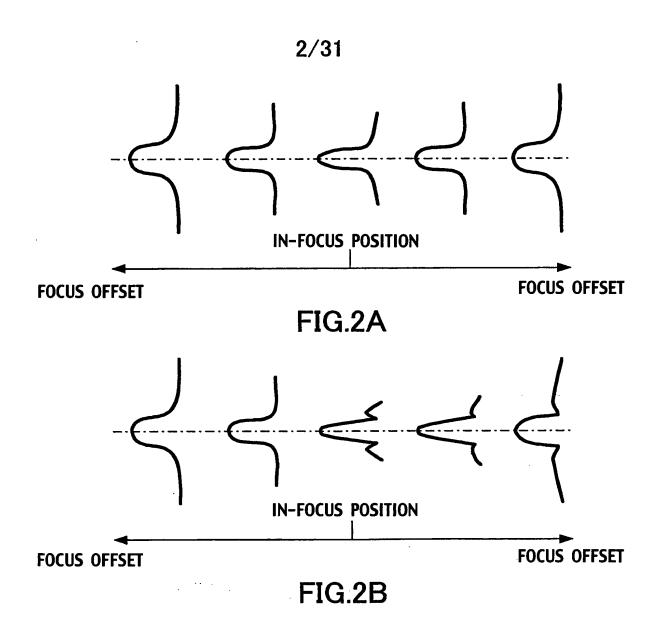
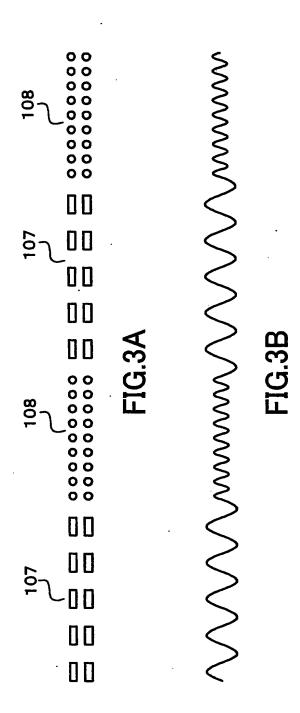
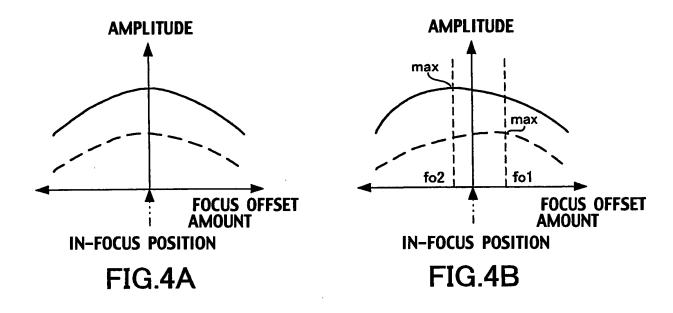


FIG.1





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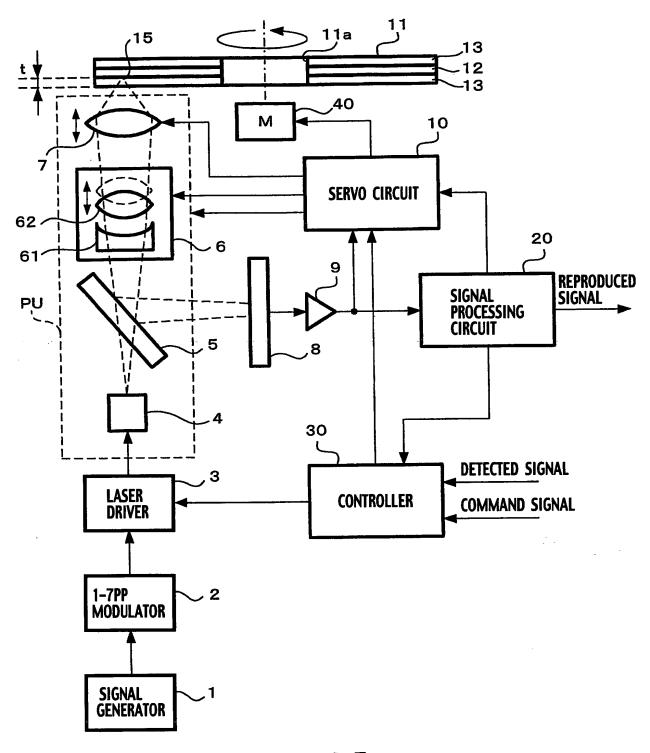


FIG.5

;

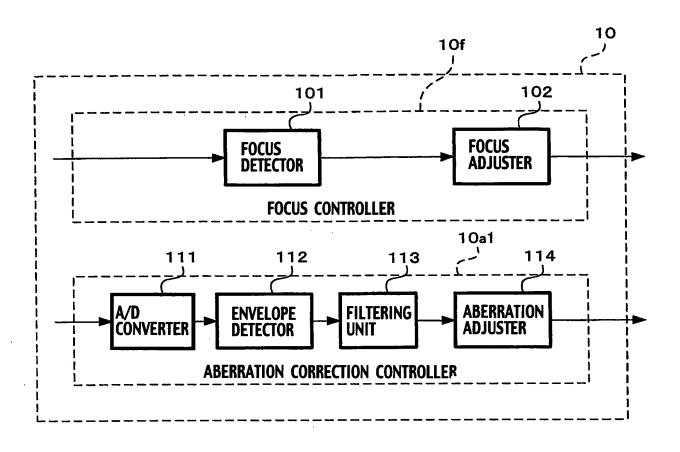
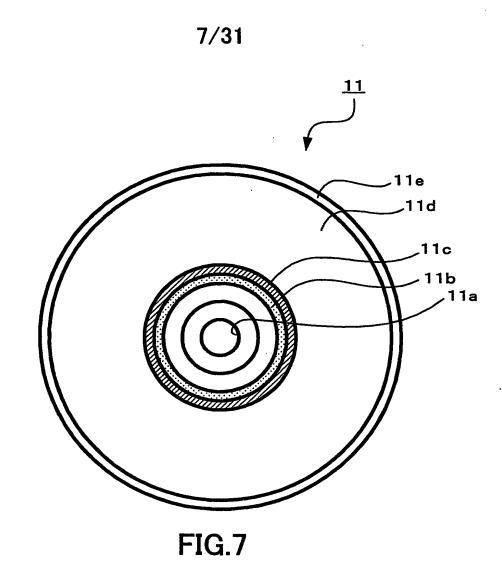


FIG.6



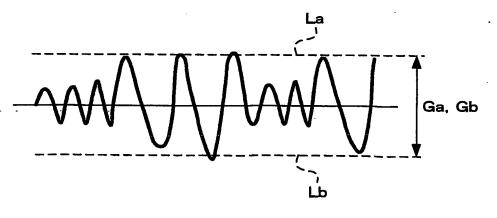
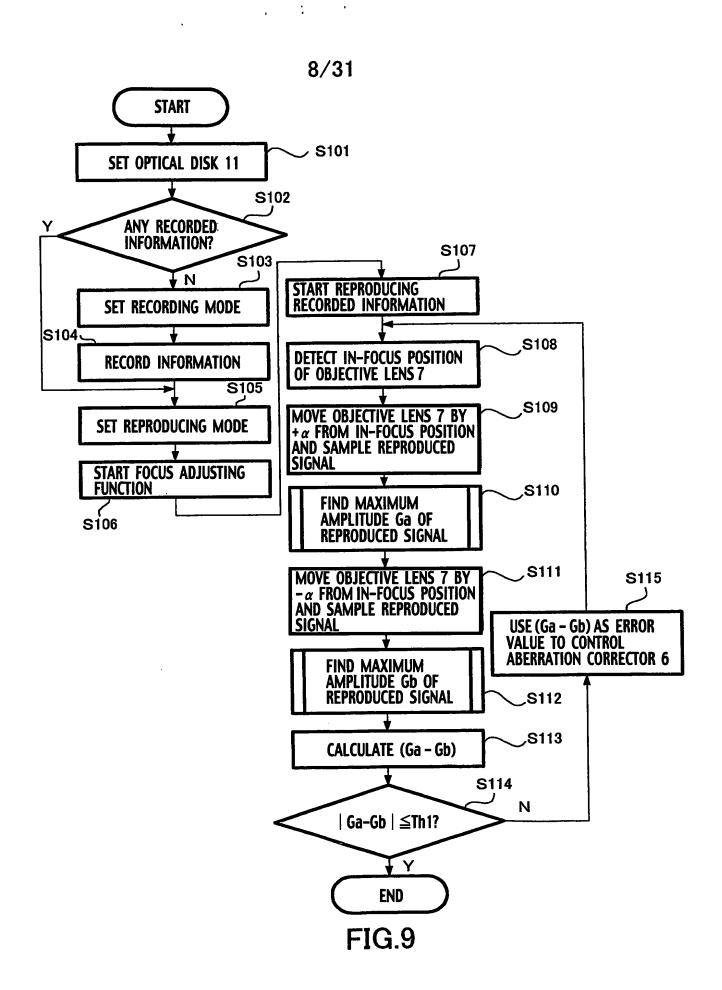
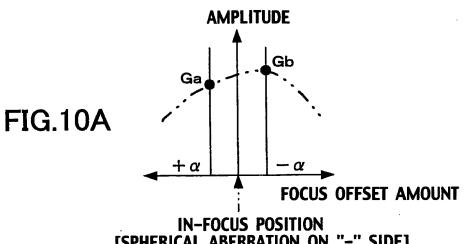
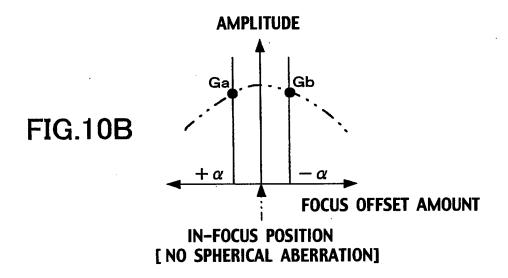


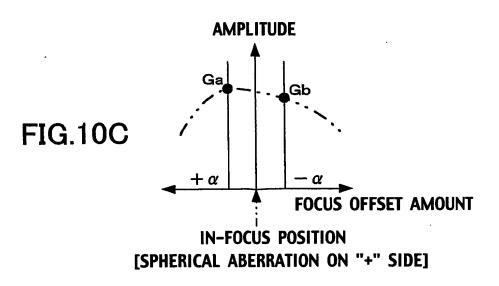
FIG.8

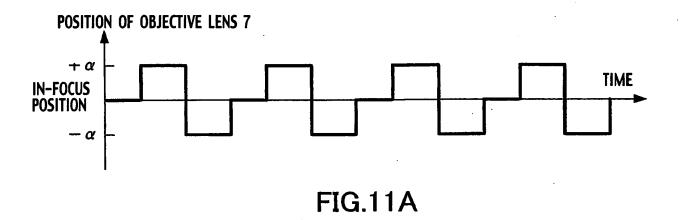




[SPHERICAL ABERRATION ON "-" SIDE]







MAXIMUM AMPLITUDE OF REPRODUCED SIGNAL

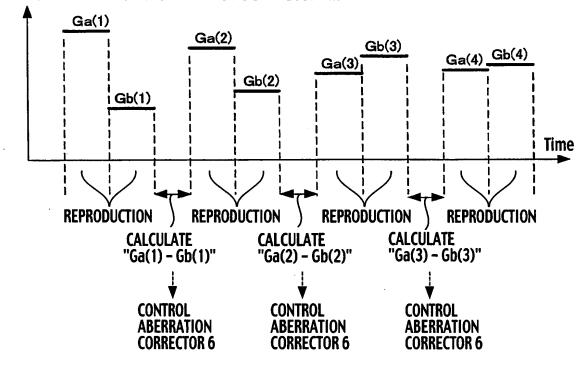


FIG.11B

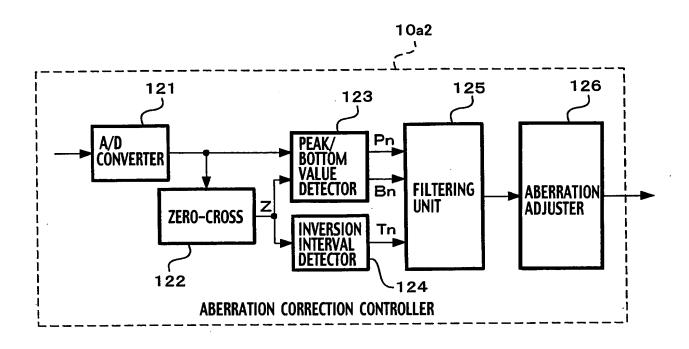
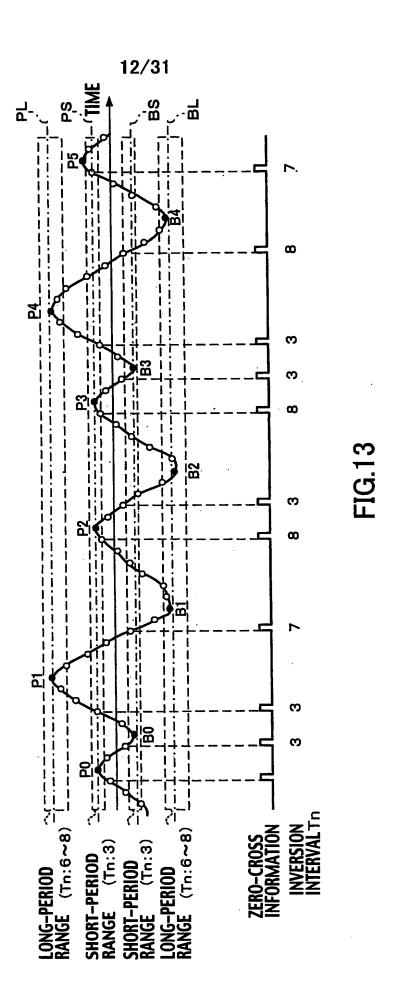
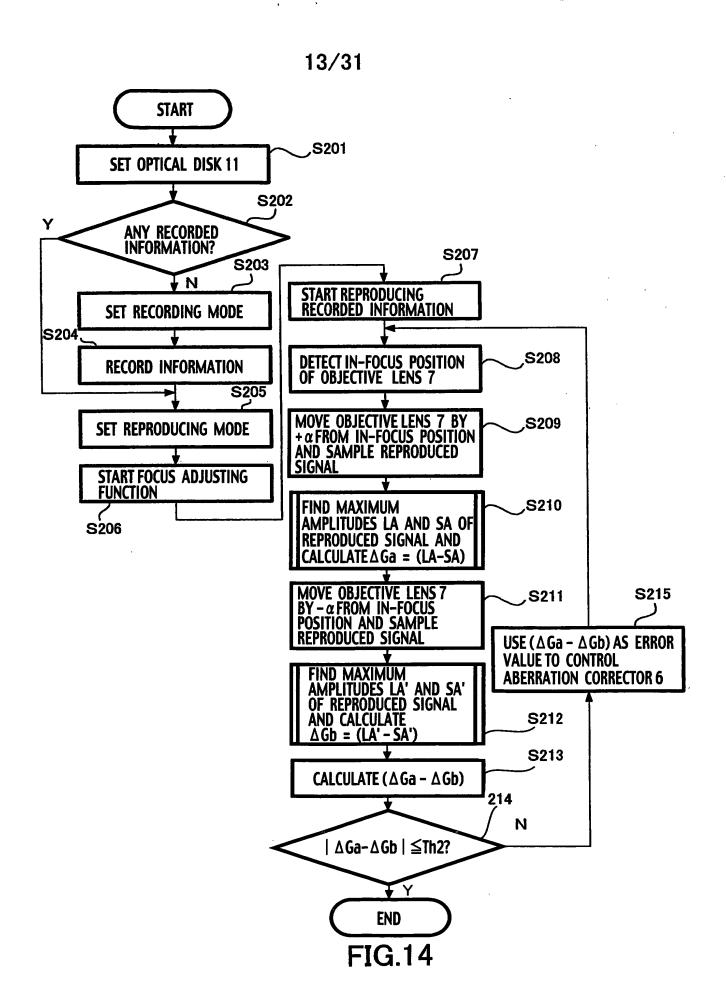
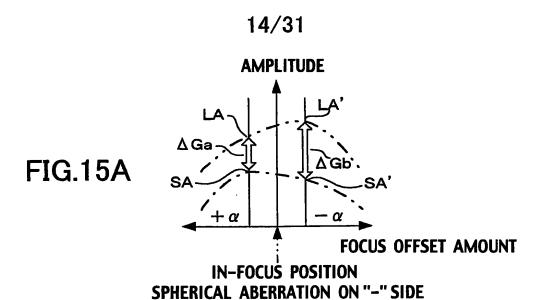
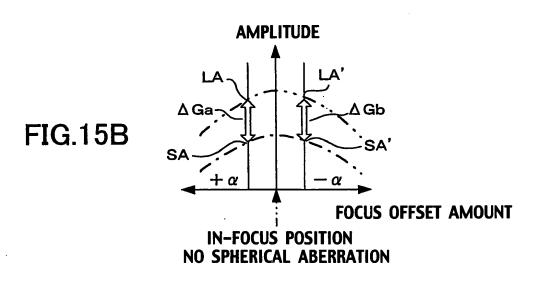


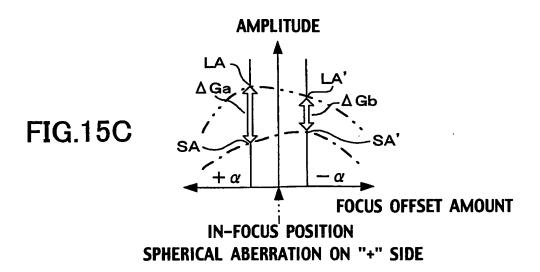
FIG.12











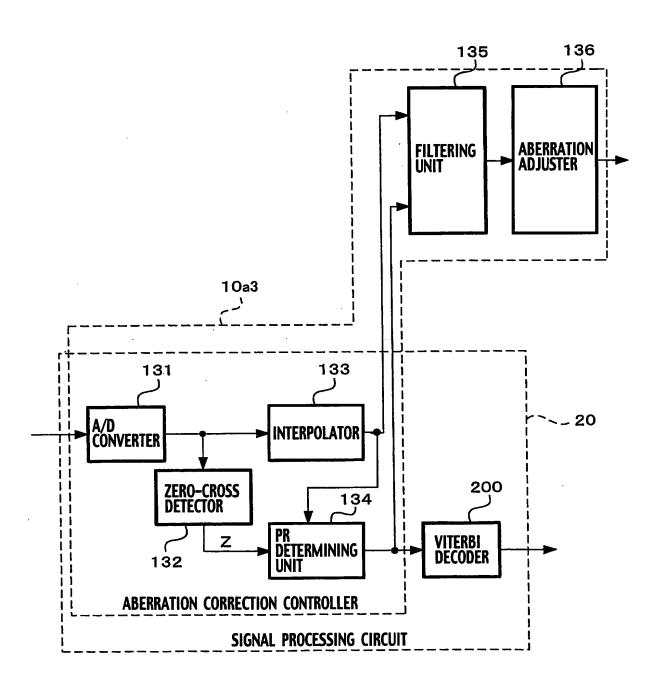


FIG.16

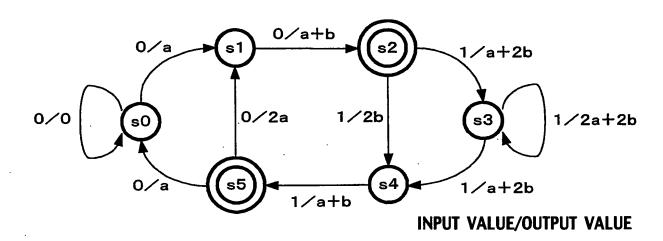
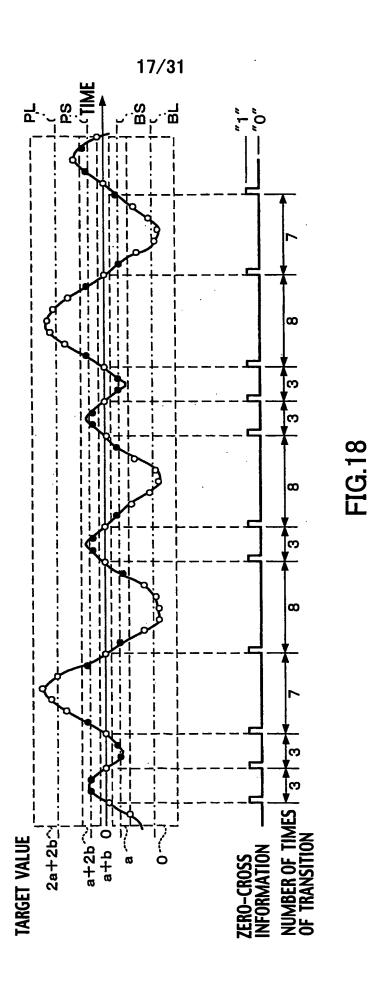


FIG.17



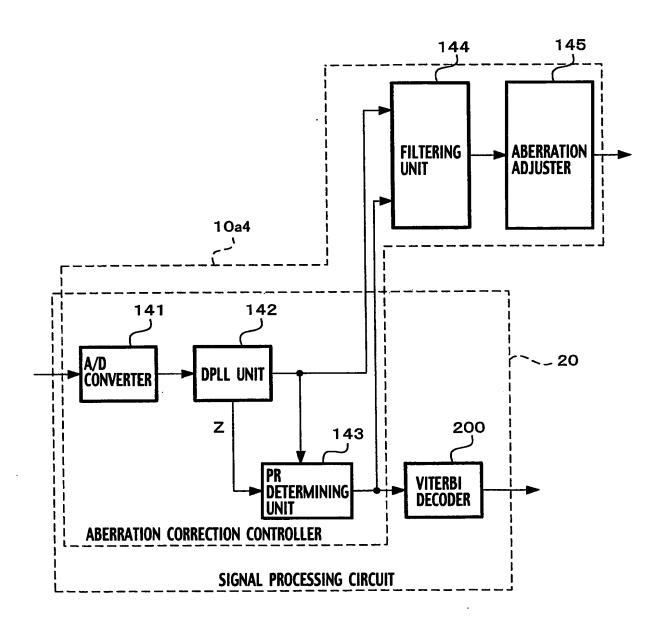


FIG.19

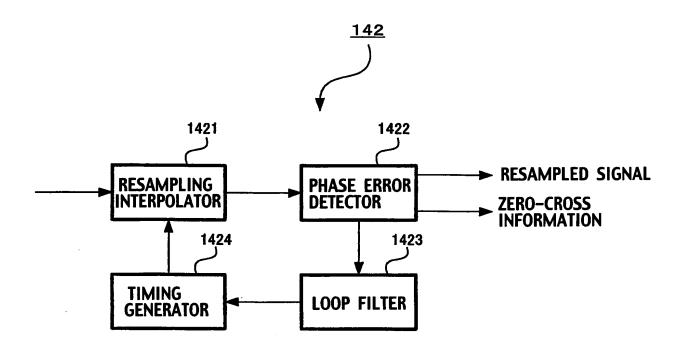


FIG.20

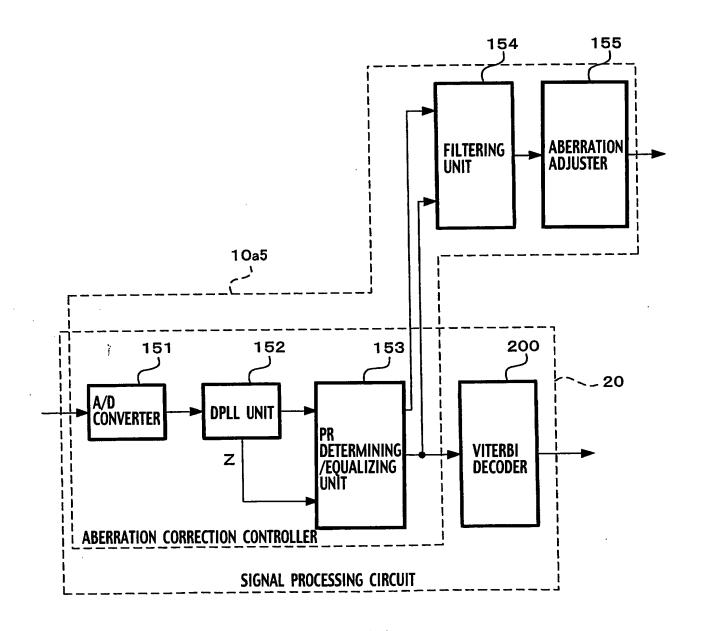
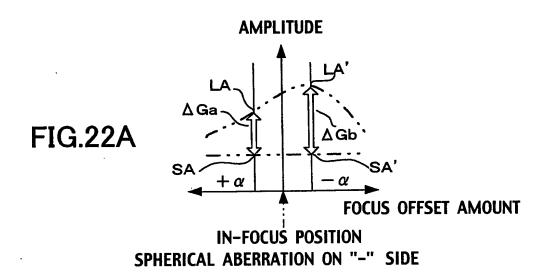
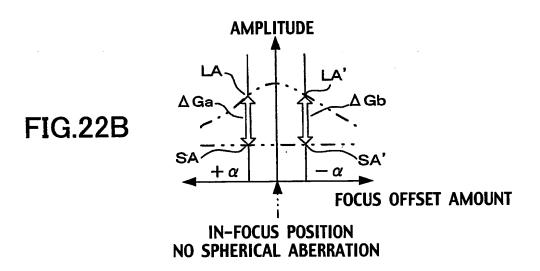
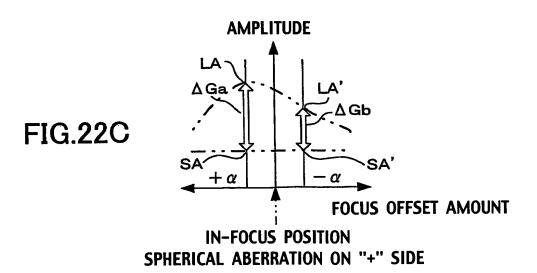


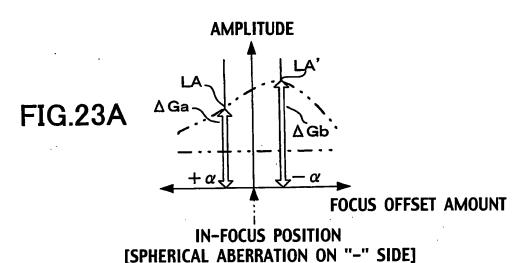
FIG.21

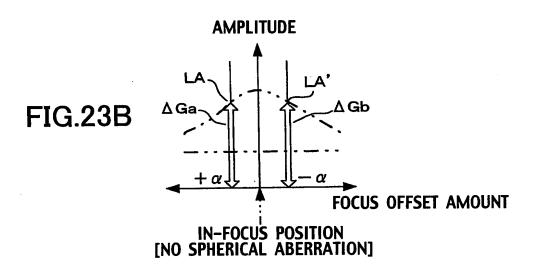


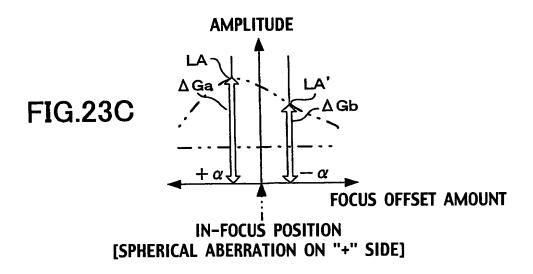












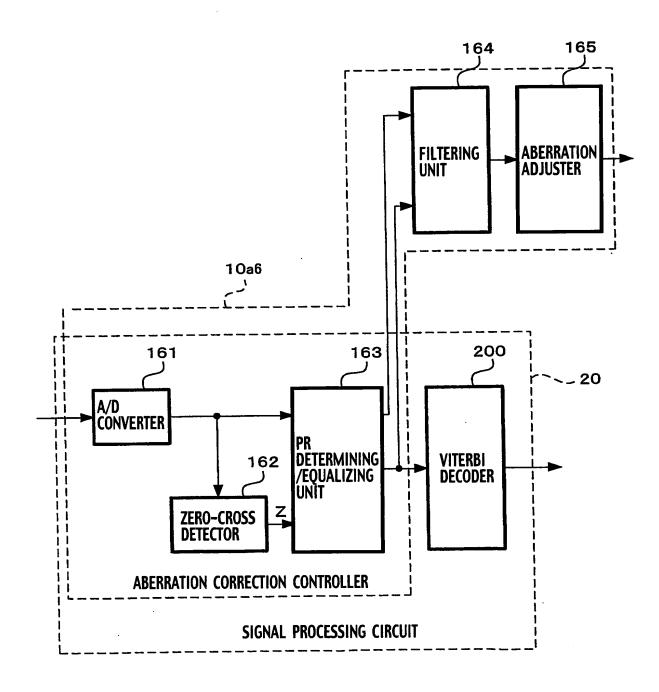


FIG.24

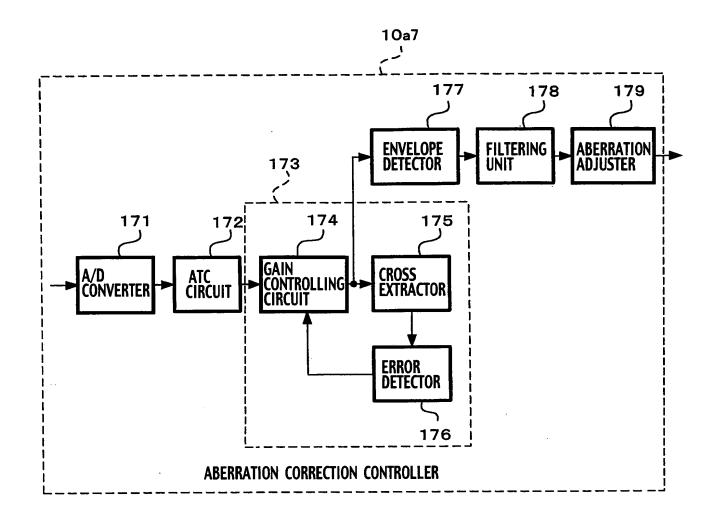


FIG.25



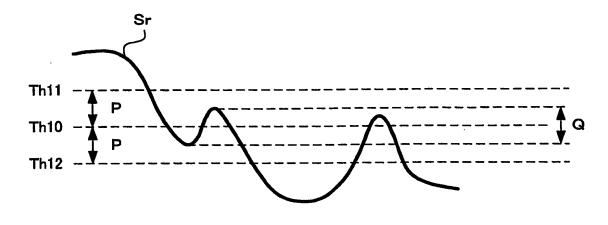


FIG.26

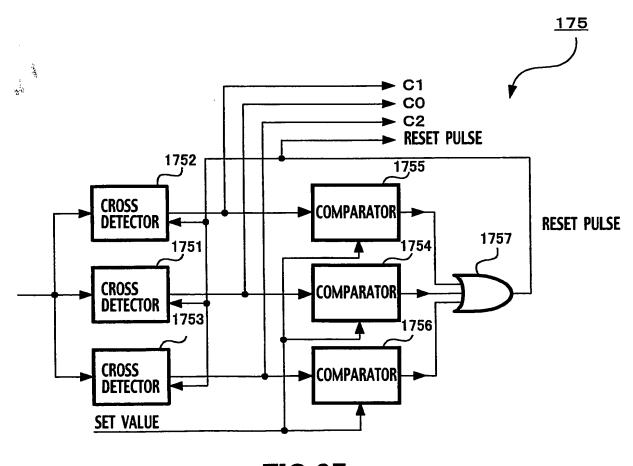


FIG.27

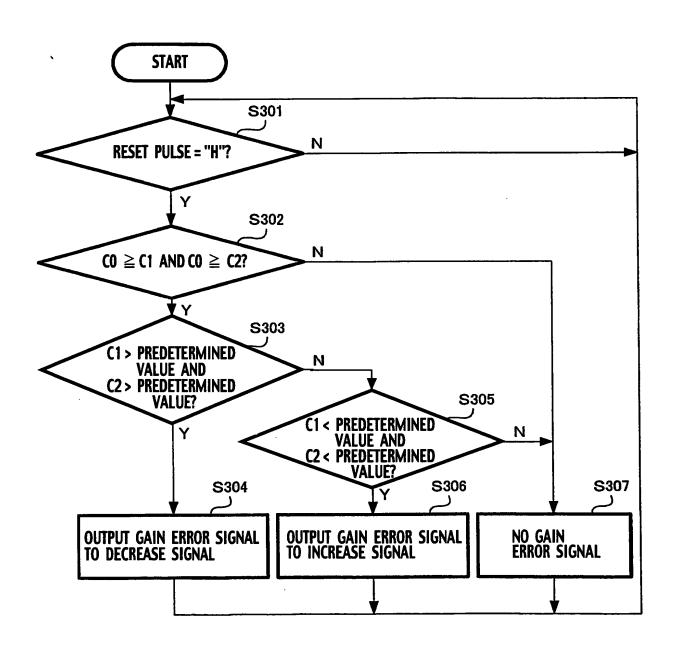


FIG.28

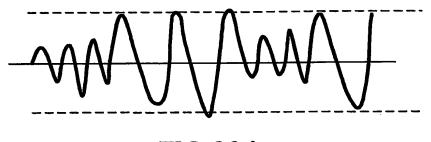
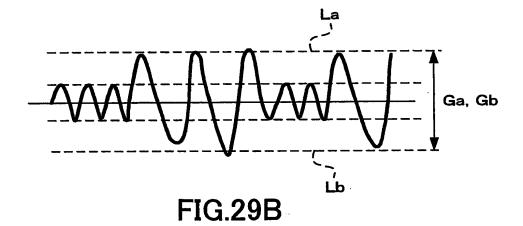


FIG.29A



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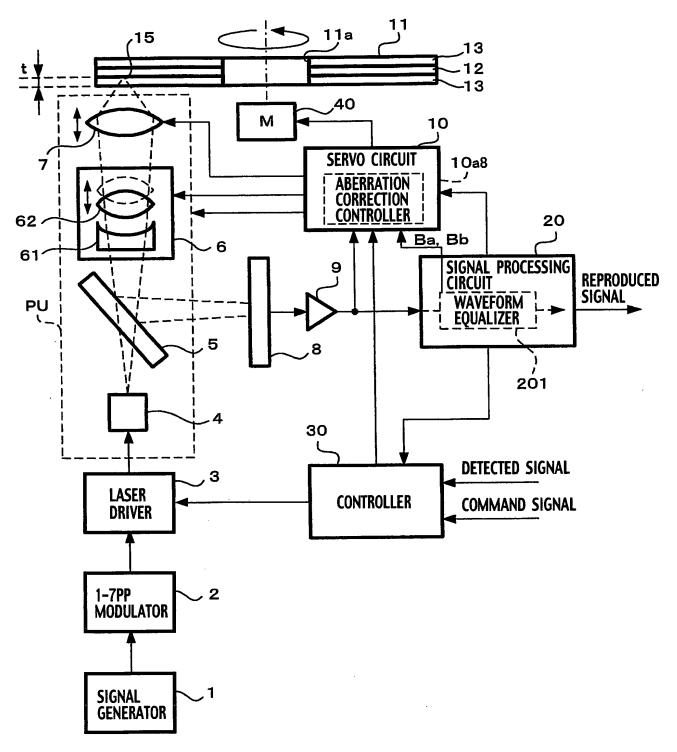
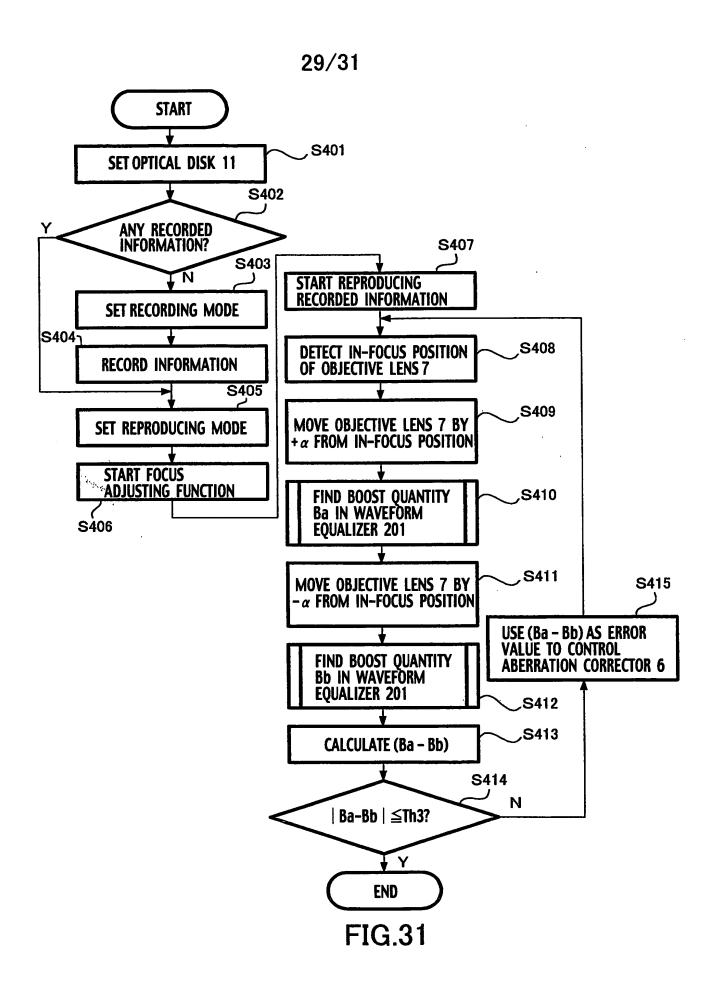
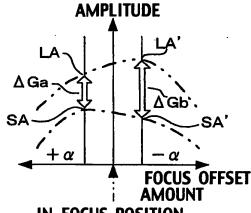


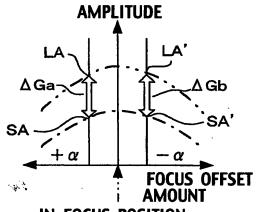
FIG.30





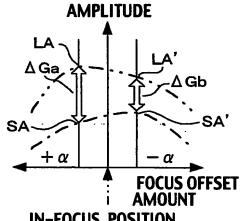
IN-FOCUS POSITION
SPHERICAL ABERRATION ON "-" SIDE

FIG.32A



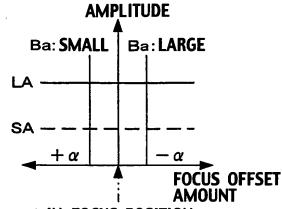
IN-FOCUS POSITION NO SPHERICAL ABERRATION

FIG.32B



IN-FOCUS POSITION
SPHERICAL ABERRATION ON "+" SIDE

FIG.32C



IN-FOCUS POSITION
SPHERICAL ABERRATION ON "-" SIDE

FIG.32D

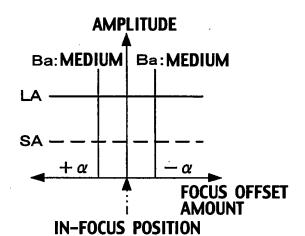
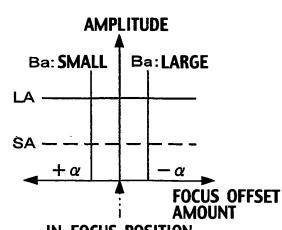


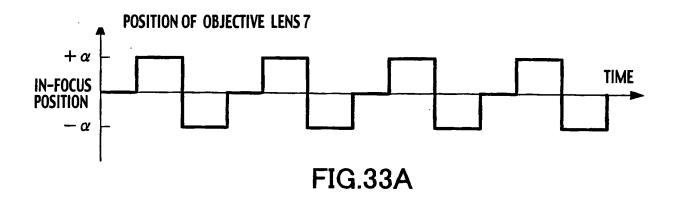
FIG.32E

NO SPHERICAL ABERRATION



IN-FOCUS POSITION SPHERICAL ABERRATION ON "+" SIDE

FIG.32F



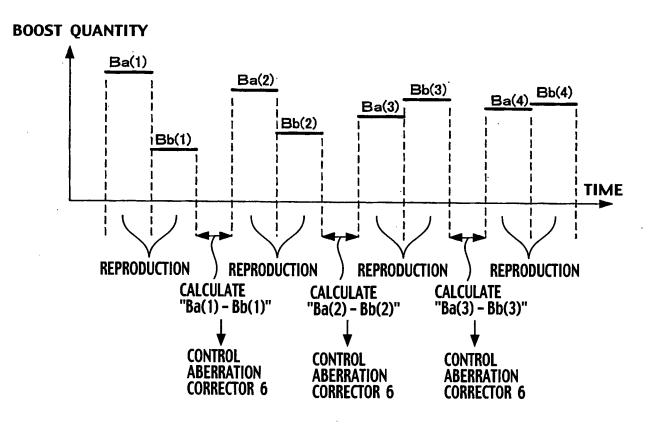


FIG.33B